

Matthew Wetmore

Generalist with a background in theory and expertise in Javascript development. Focused on building reliable, maintainable, and fast software. Passionate about making tools people love to use and creating interactive experiences.

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Work Experience

- Remote** **Kintaba** (kintaba.com) · Software Engineer · *Tools used:* Typescript, React, Apollo GraphQL, PostgreSQL, Docker
Oct 2020 - Aug 2021
- Third engineer in a 5-person startup creating an incident management SAAS.
 - Led development of automations feature, which empowers users to write IFTTT-style rule-based responses to events in an incident lifecycle.
 - Designed and created automation templates feature, allowing companies to add predefined automations.
 - Added checklist functionality to Slate.js-based rich text editor for postmortems and incident comments.
 - Created documents page, allowing users to search and filter postmortems for their company.
- Remote** **Independent Contracting**
Apr 2020 - Jun 2020
- Venga** (vengaclimb.com) · *Tools used:* Typescript, React Native, Styled Components, Expo, GraphQL, Storybook.js
- Added user profiles and follow functionality to a mobile app for climbing gym members.
- Safety in Numbers** (safe7y.com) · *Tools used:* Django, Vue.js (Javascript), Webpack
- Built custom web app for quick human-annotation of unstructured data needed for machine learning.
- Google** · Software Engineer · *Tools used:* Javascript, Java, Python, GoogleSQL, Blaze, Closure Tools
Ephemeral Events team (part of Search org)
- Developed new search result UI elements for events such as Fashion Week (2016, 2017), the Academy Awards (2017), and the Winter Olympics (2018), and generalized them for use in a generic component library.
 - Worked with Cards Everywhere team to refine a new component library for building search elements.
 - Designed and built a dashboard for monitoring traffic to team's features, providing insights such as which events were most popular or which queries were most popular for an event. This dashboard was essential to scaling feature rollout from a few events to thousands of events.
 - Managed interns, and mentored new hires on other teams as part of employee mentoring program.
 - Conducted on-site interviews and represented company in college campus recruitment efforts.
- New York, NY** **Knowledge Exploration team (part of Search org)**
Sep 2015 - Sep 2016
Summer 2014 (Intern)
- Introduced automatic support for right-to-left (RTL) languages to Oleo, an internal JS framework for creating "immersive" (interactive, app-like) search results.
 - Launched immersive results for TV/music/film queries in Arabic- and Hebrew-speaking countries.
 - Maintained Oleo and added new features used for the Google Trips UI and the 2016 Olympics experience.
- Montreal, QC** **Scheduling Direct** · Frontend Lead · *Tools used:* Backbone.js
May 2013 - May 2014
- Architected and implemented the employee and manager user interfaces for a shift-scheduling application.

Life Experience

Technology Skills

Javascript, Typescript, React, Vue, React Native, Python, Django, SQL, Haskell, Java, Rust, Unix, Git, WebGL

Activities

May 2018 - Mar 2020 Converted a cargo van into a mobile home, and lived in it while traveling North America and rock climbing.

Interests

Computer graphics, Functional programming, Rock climbing, Trail running, Snowboarding, Woodworking

Education

McGill University
Montreal, QC
2010 - 2015

B.Sc. (with Honours) Mathematics & Computer Science · **Minor** Physics · **GPA** 3.53
Notable coursework: Logic and Computation, Formal Verification, Algorithm Design, Topology, Real Analysis